

8804

W.O.

Diag'd. on Diag. Ch. 1249

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHICField No. T-8804 Office No. _____

LOCALITY

State FLORIDAGeneral locality MONROE and DADE COUNTIESLocality "CARD SOUND"1947

CHIEF OF PARTY

Lieut. Comdr. George E. Morris Jr.

LIBRARY & ARCHIVES

DATE June 21, 1948

B-1870-1 (1)

8804

DATA RECORD

T- 8804

Quadrangle (II): Card Sound, Florida

Project No. (II): Ph-10(46)

Field Office: Stuart, Fla.

Chief of Party: Ross A. Gilmore
Lieut. Comdr.

Compilation Office: Tampa, Fla.

Chief of Party: George E. Morris, Jr.
Lieut. Comdr.

Instructions dated (II III): 21 Oct., 1946

Div. of Photogrammetry,
Copy filed in Descriptive Office Files
Report No. T- (VI)

Completed survey received in office: 2 - 26 - 48

Reported to Nautical Chart Section:

Reviewed: 5-18-48 *Partially* Applied to chart No. 849
1249Date: 10/30/47
10/17/47

Redrafting Completed:

Registered: 6-11-48

Published:

Compilation Scale: 1:20,000

Published Scale: 1:24,000

Scale Factor (III): None

Geographic Datum (III): N.A. 1927

Datum Plane (III): M.S.L.

Reference Station (III): Pumpkin Key, 1930

Lat.: 25° 19' 35."622(1096.1m.) Long.: 80° 17' 48."089(1345.0m) Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): Florida, East Zone

x = 732,310.82 Feet y = 361,530.96 Feet

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
16315	27 April 1946	8:49	1:20,000	.75
16316	"	8:50	"	.75
16317	"	8:52	"	.75
16343	"	9:49	"	.60
16344	"	9:52	"	.60
16345	"	9:55	"	.57
16346	"	9:57	"	.57
16347	"	9:59	"	.55

Tide from (III): Mayport, Fla.

Mean Range: 0.8'

Spring Range: 1.0'

Camera: (Kind or source) U.S.C. & G.S. 9-Lens 8 $\frac{1}{2}$ " focal length

Field Inspection by: C.H. Bishop; E.H. Taylor; J.E. Hundley date: April, 1947
J.H. Clark

Field Edit by: J. D. Weiler date: Nov, 1947

Date of Mean High-Water Line Location (III): April, 1947

Projection and Grids ruled by (III) Washington Office date: 11 Dec. 1946

" " " checked by: Washington Office date: 11 Dec. 1946

Control plotted by: R.J. Pate date: 6 Feb. 1947

Control checked by: R. Dossett date: 7 Feb, 1947

Radial Plot by: M.M. Slavney date: 7 May 1947

Detailed by: I.I. Saperstein date: June, 1947

Reviewed in compilation office by: J.A. Giles date: July, 1947

Map Manuscript
Elevations on ~~Right of Way~~ ~~Right of Way~~
checked by: J. A. Giles

date: July, 1947

STATISTICS (III)

Land Area (Sq. Statute Miles): 24.2

Shoreline (More than 200 meters to opposite shore): 52.4 Statute miles

Shoreline (Less than 200 meters to opposite shore): 23.4 " "

Number of Recoverable Topographic Stations established: 14

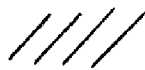
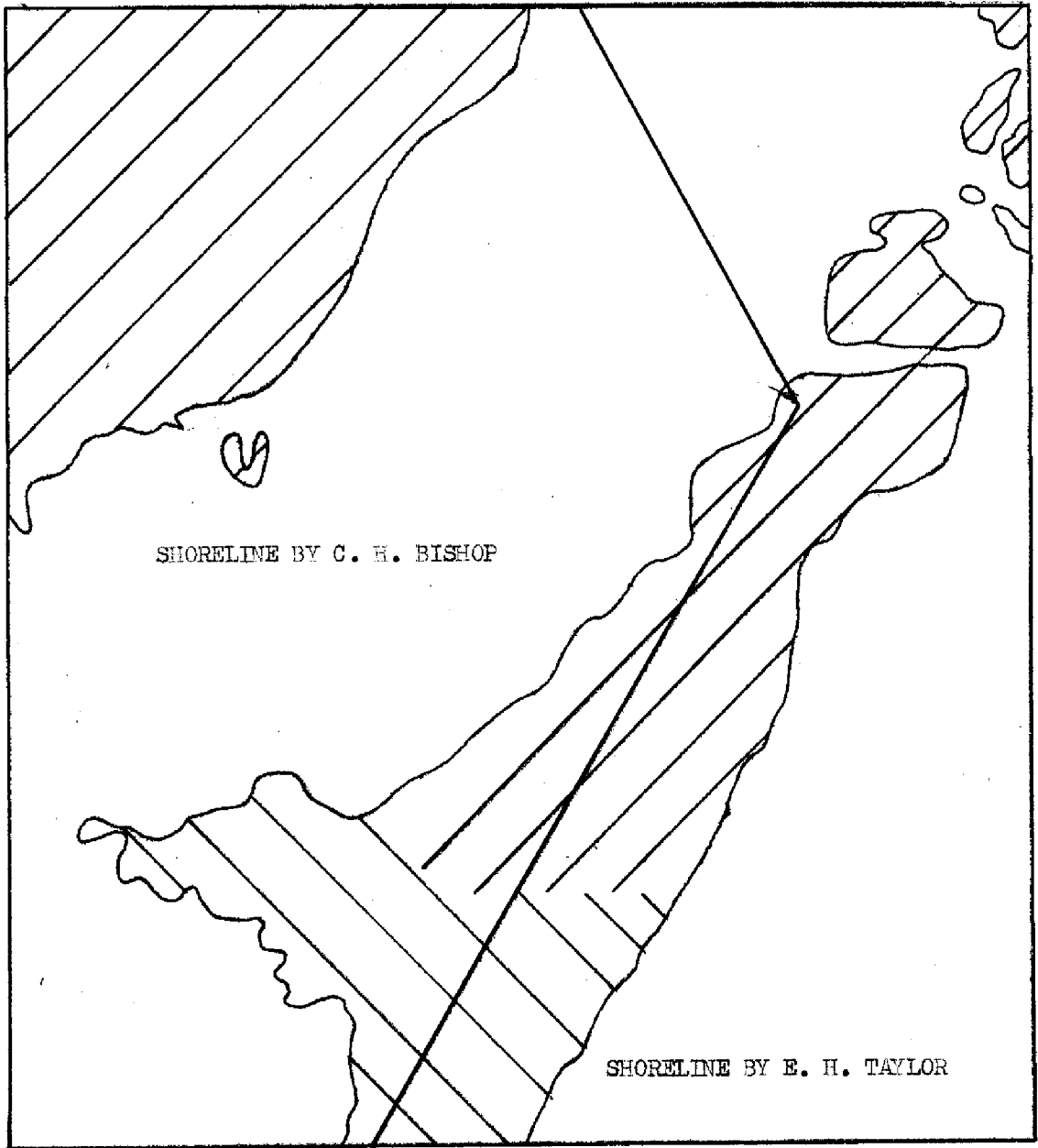
Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: 16 Statute miles

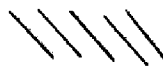
Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:



TOPOGRAPHY BY J. E. HUNDLEY



TOPOGRAPHY BY J. C. CLARK

MAP T. 8804		PROJECT NO. Ph-10(46)		SCALE OF MAP 1:20,000		SCALE FACTOR	
STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR ψ -COORDINATE LONGITUDE OR x -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
CRAWFISH U.S.E.D. 1930	G.P. Access No. 391	N.A. 1927	25° 22' 25.034"			770.3 (1075.9)	
* WET 1930	" 391	"	80 17 19.776			552.9 (1124.5)	
			25 22 01.070			32.9 (1813.3)	
X OLD 1930	" 391	"	80 16 07.089			198.2 (1479.3)	
			25 21 49.388			1519.7 (326.5)	
			80 15 31.440			879.0 (798.5)	
✓ BET 1930	" 392	"	25 20 57.872			1780.7 (65.5)	
			80 19 48.827			1365.3 (312.4)	
✓ PAL 1930	" 392	"	25 20 45.753			1407.8 (438.4)	
			80 16 26.602			743.9 (933.9)	
✓ CARD PT. 2 1930	"	"	25 19 23.760			731.1 (1115.1)	
	386		80 20 34.682			970.0 (708.1)	
* DEAD 1930	# 386	"	25 19 25.978			799.3 (1046.9)	
			80 17 25.932			725.3 (952.8)	
✓ PUMPKIN KEY 1930	"	"	25 19 35.622			1096.1 (750.1)	
	391		80 17 48.089			1345.0 (333.1)	
* PUMPKIN 1935	"	"	25 19 25.197			775.3 (1070.9)	
	322		80 16 57.350			1604.0 (74.1)	
✓ ANGELFISH KEY 1908	"	"	25 19 23.928			736.3 (1109.9)	
	381		80 15 44.295			1238.9 (439.2)	
✓ HUG 1930	"	"	25 19 01.698			52.2 (1794.0)	
	392		80 22 14.975			418.9 (1259.3)	
* BN N.O.17- 1935	"	"	25 18 44.315			1363.6 (482.6)	
	402		80 20 44.938			1257.0 (421.3)	

1 FT. = 3048008 METERS
COMPUTED BY: R.J. Pate

DATE 15 Jan, 1947

CHECKED BY: M.M. Slavney

DATE 16 Jan. 1947

M-2388-12

MAP T. 8804

PROJECT NO. Ph-10(46)

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
* BN. 18 1935	G.P. Access No. 408	N.A. 1927	25° 18'	25.96				798.8	(1047.4)		
✓ IAR. 1930	"	"	80 20	58.90				1647.6	(30.8)		
			25 17	57.041				1755.2	(91.0)		
* LAST 1934	"	"	80 18	39.067				1092.9	(585.6)		
			25 17	38.666				1189.8	(656.4)		
			80 16	54.383				1521.4	(157.1)		
* CORM 1930	"	"	25 17	23.861				734.2	(1112.0)		
			80 20	18.843				527.2	(1151.4)		
EAST HOUSE ON BRIDGE * (EAST GABLE) 1930	"	"	25 17	08.278				254.7	(1591.5)		
			80 21	57.380				1605.3	(73.3)		
* Bn No. 24 1935	"	"	25 16	49.35				1518.5	(327.7)		
			80 22	02.50				69.9	(1608.7)		
✓ MOSQUITO CREEK 1854	"	"	25 16	40.825				1256.2	(590.0)		
			80 21	21.505				601.7	(1077.0)		
✓ DRY 1930	"	"	25 16	35.681				1097.9	(748.3)		
			80 18	10.607				296.8	(1381.9)		
* HYD SIGNAL 1930	"	"	25 15	49.362				1518.9	(327.3)		
			80 20	25.967				726.6	(952.3)		
✓ MID 1934	"	"	25 15	49.20				1513.9	(332.3)		
			80 18	08.30				232.3	(1446.7)		
* Bn. No. 27 1934	"	"	25 15	05.527				170.1	(1676.1)		
			80 16	21.035				588.7	(1090.4)		
	Note: Stations indicated with an * have been reported as lost or destroyed and do not appear on the Map Manuscript.										

1 FT. = 3048006 METER

COMPUTED BY: R.J. Pate

DATE 15 January 1947

CHECKED BY: M.M. Slavney

DATE 16 January, 1947

M-7388-12

FIELD INSPECTION REPORT
TO ACCOMPANY QUADRANGLE T-8804

CARD SOUND

PROJECT Ph-10(46)

9 May 1947

1- DESCRIPTION OF THE AREA

This standard, 7 $\frac{1}{2}$ minute quadrangle(N2515-W8015/7.5) covers the north end of Key Largo, several small keys north of Key Largo, a small area on the mainland of Florida, and all of Card Sound.

The land area in this quadrangle comprises approximately 50% of the total, the remainder being water. That part of the mainland in the northwest corner is gladeland while the land area in the keys is low with mangrove vegetation on the west rising eastward to an elevation, in some places, of 10.0 ft., covered with sub-tropical vegetation.

The keys north of Key Largo are reached by boat only. Key Largo is reached by U.S. Highway 1; there is a black top road running its entire length.

A few scattered fishing clubs and private camps are located on Key Largo, Angelfish and Linderman Keys.

The shoreline in general is mangrove covered marl or mangrove growing in the water, the fast land is mainly coral with an occasional stretch of sand.

2- COMPLETENESS OF FIELD INSPECTION

Field inspection was completed in accordance with Instructions for the project. Filed in Div of Photogrammetry - Office Files.

3- INTERPRETATION OF PHOTOGRAPHS

See Report for Quadrangle 8803 for a discussion of gladeland which is similar to the mainland area of this quadrangle. ^{Filed in Div. of Photogrammetry - General Files}

The mangrove in the low areas of the keys varies from the very smooth, dark tone of low, dense mangrove to a somewhat mottled appearance where, the mangrove growth is higher and less uniform.

In the higher ground on the keys the woods show with a dark, rough texture with a faint suggestion of light gray background, while brush areas in general are light, speckled gray.

4- HORIZONTAL CONTROL

All horizontal control, consisting entirely of U.S.C. & G.S. triangulation, was searched for. All stations recovered were identified on the photographs except the following, which were not identified because of lack of identifiable detail: BET, 1930; DRY, 1930; HUG, 1930; MOSQUITO CREEK, 1854 and PAL, 1930.

5- VERTICAL CONTROL

The only permanent bench marks in this quadrangle are the tidal bench marks on Angelfish Key, Pumpkin Key, and Commorant Pt.

Elevations for contouring control were established on Linderman Key and Palo Alto Key, using water-level measurements, with a tide staff connected to a tidal bench mark to obtain mean sea level reductions.

Wye levels to control contouring on Key Largo were run between tidal bench marks; a total of 19.0 miles of levels was run, with level points identified at strategic places.

Two level points were set along the only road in the mainland area of this quadrangle.

Level notes are recorded in Vos. 1 & 4, Wye leveling, Project PHO10(46). Filed in Div. of Photogrammetry, General Files

6- CONTOURS AND DRAINAGE

Contouring on the part of Totten Key falling in this area and Palo Alto Key was done by planetable.

Contouring on the small keys south of Totten Key was done with hand level, taking off from water level and tying back to water level, adjusting according to predicted tides.

Contouring on Key Largo was done in same manner as above with two exceptions: 1. level points were available, 2. the northern tip was fairly open country, making it possible to run out the contours by planetable.

The remainder of Key Largo required the cutting of lines through the woods and brush, at approximately 90° angles to the road, then establishing elevations by hand level along these lines.

After these various methods of establishing elevations had been completed the contours were drawn with the aid of the stereoscope.

There are no contours on the mainland within this quadrangle; the elevation of the one road in that area is under 4 feet, and that is built up above the natural terrain, which is entirely gladeland and very low.

13 - LANDING FIELDS AND AERONAUTICAL AIDS

There are no landing fields nor aeronautical aids within this quadrangle.

14 - ROAD CLASSIFICATION

All roads in this area have been classified according to Instructions dated 30 June 1945. Reclassified by the Field Editor

15 - BRIDGES

The only bridges are those along the old road from Barnes Point east to Key Largo. These bridges have skiff or small-boat clearance only, are not listed in the U.S. Engineers List of Bridges over Navigable Waters, dated July 1, 1941, and are not considered of sufficient importance to warrant listing therein. Clearances have been noted on photograph No. 16345 (print 1).

The only bridge in this quadrangle which was listed in the bridge list previously mentioned is the old highway bridge at Barnes Sound. This bridge has been destroyed, and has been so reported to the local District Engineer. Copy of letter attached to this report.

16 - BUILDINGS AND STRUCTURES

All buildings and structures to be shown have been circles in red or identified as topographic stations. Those to be omitted from the compilation have been deleted in green.

17 - BOUNDARY MONUMENTS AND LINES

The only boundary line within this quadrangle is the Dade-Monroe County Line. Refer to the Special Report on Boundaries, Project Ph-10(46). Filed in Div. of Photogrammetry - General Files

18 - GEOGRAPHIC NAMES

See Special Report on Geographic Names, Project Ph-10(46).

Filed in Div. of Charts, Geographic Names Section.
Copy also attached to this report.

19 - TOPOGRAPHIC STATIONS

Permanent recoverable Topographic Stations were established using a standard topographic disk or a natural object such as a gable or chimney. Stations were spaced about one mile apart except where triangulation had previously been established.

Form 524 cards filed in Div. of Photogrammetry - General Files

20 - SYMBOLS

Symbols may be found on back of photograph 16343.

7- MEAN HIGH-WATER LINE

The shoreline was inspected from a boat run as close as possible to the shore. Most of the shoreline is indefinite, the MHWL being in the mangrove bushes. This is labeled "apparent shoreline". Where there is a definite MHWL, it is labeled "actual shoreline". All shoreline inspection notes are on photographs Nos. 16316(#2), 16317(#1), 16343(#2), 16344(#1), and 16345(#1).

8- LOW-WATER LINE

In most areas where the "apparent shoreline" has been indicated the low-water line also falls within the mangrove. In the few places where the low-water line falls outside the mangrove line, and where there is a definite MHWL, the approximate low-water line has been indicated where the stage of tide at the time of inspection made it possible to do so.

9- WHARVES AND SHORELINE STRUCTURES

Two piers, two boat basins, and one small marine railway fall within the quadrangle and have been noted on the photographs.

10- DETAILS OFFSHORE FROM HIGH-WATER LINE

The only offshore details are detached clumps of mangrove and small shoals, and one house on a piling off the north end of Angelfish Key. These have been noted on the shoreline photographs. No details requiring investigation by the hydrographic party were observed during this field inspection.

11- LANDMARKS AND AIDS TO NAVIGATION

Three landmarks are recommended for charting and one for deletion; see project report on Landmarks (form 567 and chart section). Chart Letter 591, 1947

There are four fixed lights in the area. These were picked direct on the photographs. Chart Letter 591, 1947

There are numerous daybeacons in the area. These were cut in with a 7 inch theodelite. Chart Letter 591, 1947

Refer to Project Report on Nonfloating Aids to Navigation for lists of aids and their location methods. Filed in Div. of Photogrammetry - General Files

12- HYDROGRAPHIC CONTROL

No hydrographic control required in this project.

21 - PUBLIC LAND LINES

See Review Report for T 8506

One section corner, one meander corner, and two quarter section corners were recovered and identified in this quadrangle, all in the Key Largo area.

A print of "Survey of Lands in Section 26 and fractional sections 24, 25 and 35, T59S - R40E, on Key Largo in Monroe County, Florida", by M. B. Garriss, Civil and Consulting Engineer, Miami, Florida, is submitted with this quadrangle. A print of a survey by the Biscayne Engineering Co., to be submitted with Quadrangle 8807, also covers part of this area. These are the only data discovered by the field party on section corners in this quadrangle.

Attention is called to the quarter-section corner recovered at the intersection of the Barnes Pt. road and the north-south road on Key Largo. The M. B. Garriss survey considered this a quarter-corner, while the Biscayne Engineering Co. did not. That condition is typical of the entire area; recoverable corners are very scarce, and local surveyors have had great difficulty in reconciling these corners with the original plats and field note, consequently land surveying in this area is a source of confusion. In the specific case just noted there seems to be no feasible way in which this field party can determine which survey is correct.

Charles H. Bishop

Charles H. Bishop, Photo. Aid

E. H. Taylor

E. H. Taylor, Engr. Aid

James E. Hundley

James E. Hundley, Photo Aid

James H. Clark

James H. Clark, Eng. Aid

APPROVED AND FORWARDED:

Ross A. Gilmore

Ross A. Gilmore, Chief of Party

COMPILATION REPORT
TO ACCOMPANY
QUADRANGLE "CARD SOUND" NO. T-8804

26 AND 27. CONTROL AND RADIAL PLOT:

A special report was prepared by Mr. M.M. Slavney, Photogrammetric Engineer, and submitted to the Washington Office 29 May, 1947.

Filed in Div. of Photogrammetry -
General Files.

Remember note where this is filed by

28. DELINEATING:

The photographs were generally of good scale and proved satisfactory for delineation. The field inspection was adequate.

It was noted during the delineation of this map manuscript that there is a difference between the geographic position of the detail hereon and that of planimetric map T-4577 in the area from Steamboat Creek westwardly to Barnes Point. This was discovered by placing a lithographic print of T-4577 under the map manuscript and holding triangulation stations. The detail all "moved" westwardly twenty or thirty meters from the position on the old planimetric map. The planimetric survey was done on the old N. A. datum but the correction east and west is less than two meters and could not account for the disagreement. Details for the remainder of the two maps are in good agreement.

29. SUPPLEMENTAL DATA:

A print of "Survey of Lands in Section 26 and fractional sections 24, 25 and 35, T59S R40E on Key Largo in Monroe County, Florida", and a map of Dade County showing county and section lines. The county line between Monroe and Dade County was taken from the Dade County map and is believed to be accurate according to the description given in the special report for boundaries. Boundary Report filed in Div. of Photogrammetry - General Files

30. MEAN HIGH WATER LINE:

The mean high water line was delineated according to field inspection notes.

31. LOW WATER AND SHOAL LINES:

Low water and shoal lines have been delineated according to the field inspector's notes. One low water line was shown along the eastern shore of Key Largo.

Where shoal areas were clearly visible on the photographs they were delineated on the map manuscript whether they had been recovered by the field party or not.

32. DETAILS OFFSHORE FROM HIGH WATER LINE:

No offshore details were noted by the field inspector except one house on pilings off the north end of Angelfish Key.

33. WHARVES AND SHORELINE STRUCTURES:

All wharves and shoreline structures recovered and noted by the field inspector have been delineated.

34. LANDMARKS AND AIDS TO NAVIGATION:

The non-floating aids to navigation were listed on form No. 567. These aids were radially plotted, if picked directly on the field photographs, or were graphically plotted with three theodolite angles, given in Project Report on Non-floating Aids to Navigation. Form 524 was submitted for each aid.

Three landmarks were reported by the field inspector for charting and one for deletion. These were reported on form 567. Form 524 was submitted for those landmarks recommended for charting.

The project report covering landmarks and non-floating aids to navigation will be submitted with final map manuscript of the project.

Chart Letter 591, 1947

35. HYDROGRAPHIC CONTROL:

Not applicable for this project.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

There are no landing fields or aeronautical aids within the limits of this quadrangle.

37. BRIDGES:

The small boat clearances noted by the field inspector for the bridges along the old highway from Barnes Point, east to Key Largo have been omitted from the map manuscript. However, one note was made for the clearance of the widest and longest channel, as the vertical clearance was shown on nautical charts 849 and 1249. No discrepancy was noted.

Note "Skiff Clearance" added during review.

38. SECTION CORNERS:

No section corners were recovered on the mainland. One section corner, one meander corner and two quarter section corners in the Key Largo area were recovered in the field and were shown on the compilation. Form 524 was submitted for each corner.

No attempt has been made to construct section lines on this quadrangle. See a special report on this subject by William A. Rasare, Photogrammetric Engineer, submitted 9 July, 1947, with quadrangle No. T-8803.
See Review Report for T 8806

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

There are no topographic quadrangles available for comparison.

45. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with U.S. C. & G.S. Nautical Chart No. 849 bearing a print date of 27 October, 1945.

The only major changes are:

- ? west of small 10/29/47*
- (1) The northeast part of Card Point has grown up in mangrove and the two islands east of Card Point, have grown together, mangrove having grown up between them.
 - (2) A spoil jetty thrown up and some shoreline changes on the northeast side of Key Largo.
 - (3) The highway bridge from the mainland to Barnes Point on Key Largo has been destroyed.

Respectfully submitted,

Irving I Saperstein
Irving I Saperstein,
Photogrammetric Aid.

Approved and Forwarded:

George E. Morris, Jr.
George E. Morris, Jr.
Chief of Party.

FIELD EDIT REPORT

QUADRANGLE T-8804

"CARD SOUND"

PROJECT Ph-10(46)

The Field Edit of this quadrangle was completed during November 1947 by John D. Weiler, Photogrammetrist.

46. METHODS

In field editing the map manuscript, all roads were traversed by truck in checking the interior features. The shoreline was checked with a small launch, keeping as close to the shore as possible. Aids to Navigation were visually checked. All data added to the map manuscript were either plotted from topographic features, or cut in by planetable methods.

47. ADEQUACY OF THE MAP MANUSCRIPT

In general, the map manuscript was adequate and correct. Most of the changes noted were made since the time of the original field inspection. The only major discrepancy noted was along the east side of Key Largo. The inshore limit of the mangrove is not in as far as shown. There is a flat coral shelf between the mangrove and the woods, covered with brush, that should be delineated.

Attention is called to the new construction at Lat. $25^{\circ} 18.6'$, Long. $80^{\circ} 16.7'$. The water tank, under construction at the time of the field edit, should make an excellent landmark when completed.

Steamboat Creek Bridge has burned, and only the bridge piling remain.

Barnes Point Daybeacon 23 was destroyed by the hurricane September 1947, and as of 5 December 1947 it had not been replaced.

Replaced - See Chart Letter 18, 1948. Not shown on ^{map}manuscript

All roads were reclassified according to Photogrammetry Instructions No. 10 and amendment dated 24 October 1947.

According to the engineers of both counties, the Dade-Monroe County line falling within the quadrangle is unsurveyed, and has never been definitely established. The eastern end of the line has been changed slightly to correspond with the legal description (i.e. center of Broad Creek). With this exception the line appears to be correct.

48. VERTICAL ACCURACY TEST

No vertical accuracy tests were specified for Project Ph-10 (46).

49. PUBLIC LAND LINES

The Monroe County Surveyor has recently compiled maps of the area using an aerial photograph base utilizing all existing property

descriptions, filed plats, and G.L.O. data. The working scale is 1 inch to 100 ft., and they are probably the best authority to date on section lines in Monroe County. As soon as photostats can be obtained they will be forwarded to the compilation office. It is felt that they are sufficiently accurate to compile section lines without further seemingly futile field work.

The quadrangle was reviewed by Tom Lowe, a settler on the North end of Key Largo for 40 years and the only resident of any longevity within the quadrangle. He found no errors.

John D. Weiler
John D. Weiler
Photogrammetrist

Supervised:

William A. Rasure
William A. Rasure
Photogrammetric Engineer

Approved and Forwarded

Ross A. Gilmore
Ross A. Gilmore
Chief of Party

GEOGRAPHIC NAMES

Survey No. T-8804

CARD SOUND Fla.

1 Name on Survey

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

A

B

C

D

E

F

G

H

K

Florida

USGB

1

Dade County

2

Monroe County

3

State 905

4

Atlantic Ocean

5

Key Largo

6

Barnes Sound

7

Steamboat Creek

8

Jew Point

9

Cormorant Point

10

Mosquito Creek

Turkey Point

11

Barnes Point

12

Little Card Point

13

Little Card Sound

14

Mud Point

15

Card Point

16

Card Sound

17

Card Point Cut

18

Crocodile Lake

19

Wednesday Point

20

Key Largo Anglers Club

21

Grayvik

22

Snapper Point

23

Pumpkin Key

24

Little Pumpkin Creek

25

Middle Creek

26

Linderman Creek

27

GEOGRAPHIC NAMES

Survey No. T-8804

2 Name on Survey

On Chart
No.

On previous survey
No.

On U. S. quadrangle
Maps

From local
information

On local Maps

P. O. Guide or Map

Rand McNally Atlas

U. S. Light List

A

B

C

D

E

F

G

H

K

Linderman Key

1

Broad Key

2

Cutter Bank

3

East Arsenicker

4

Totten Key

5

Crane Creek

6

Little Totten Key

7

Old Rhodes Key

8

Old Rhodes Channel

9

Broad Creek

10

Palo Alto Key

11

South Broad Creek

12

Angelfish Creek

13

Angelfish Key

14

Little Angelfish Creek

15

Pumpkin Creek

16

High Mangrove Right

17

Key Largo Harbor

(not Ocean Reef Harbor)

18

Little Dispatch Creek

19

High Mangrove Point

20

21

Names underlined in red are
approved. 5/14/48 L. Heck

22

23

24

25

26

27

Division of Photogrammetry
Review Report of
Topographic Map Manuscript T-8804

Subject numbers not listed in this report have been adequately covered in other parts of the descriptive report.

26. Control.--The following triangulation stations that were not listed as lost by the field inspection party, were added to the map manuscript:

Mid, 1934
Old, 1930

28. Detailing.--Buildings that were completely within the symbols for triangulation and topographic stations, were added in outline.

Symbolization of spot elevations and bench marks was changed to conform with Photogrammetry, Instructions No. 17.

31. Low Water and Shoal Lines.--The shoal lines that are shown on the map manuscript are approximate. They were added along the apparent edges of channels by the compilation office.

34. Landmarks and Aids to Navigation.--

Chart letter 591, 1947, lists 25 Aids to Navigation to be added, 3 to be deleted, 4 landmarks to be added and 1 to be deleted in the area covered by the map manuscript. Forms 524 and copies of the Forms 567 are filed in the Division of Photogrammetry, General Files.

A form 567 was prepared during review deleting "Ocean Reef Fishing Club Daybeacon" and "Sign Post". The field editor indicated that they have been destroyed.

37. Recoverable Topographic Stations.--Two quarter section corners and a meander corner were changed to recoverable topographic stations and the names changed on the map manuscript and on the Form 524 cards.

The names for 3 recoverable topographic stations were shortened on the map manuscript and the Form 524 cards.

38. Section Lines.--See Review Report for T-8804.

40. Geographic Names.--Names were added to the map manuscript from the approved list submitted by the Geographic Names Section.

44. Comparison with Existing Topographic Surveys.--

T-746	1:20,000	1859
747	"	1859
4562	"	1930
4577	"	1928
6152	"	1934

These surveys are superseded in common area and detail by T-8804.

45. Comparison with Nautical Charts.--

Chart No. 849	1:40,000	1939 Corr. 1948
Chart No. 1249	1:80,000	1937 Corr. 1947

The map manuscript has been partially applied to the Nautical Charts. The following discrepancies were noted:

The charts do not show the new retaining walls at Key Largo Harbor or the new pier at the Key Largo Anglers Club.

The landmark "Tank" at latitude 25°19' longitude 80°16.8' was evidently built after the field edit. Chart letter 18, 1948 added it to the charts.

48. Vertical Accuracy Test. See Field Edit Report.

49. Overlays.--An overlay was prepared showing the marginal data, road classification and route numbers, road destinations and distances, selected spot elevations, triangulation stations, aids to navigation, landmarks and bench marks.

Reviewed by:

Charles Theurer
C. Theurer
5-18-48

APPROVED:

S. V. Griffith
Chief, Review Section
Div. of Photogrammetry

H. Stuenkel
Chief, Nautical Chart Branch
Div. of Charts

K. T. Adams
Chief, Div. of Photogrammetry

C. K. Green
Chief, Div. of Coastal Surveys

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY
Stuart, Florida

POST OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

21 May 1947

To: District Engineer
Jacksonville District
Corps of Engineers
P. O. Box 4970
Jacksonville, Florida

From: Lt. (jg) Lewis V. Evans, III
U. S. Coast and Geodetic Survey
Stuart, Florida

Subject: Bridge List Discrepancies

In compliance with our instructions for topographic mapping along the East Coast of Florida the following discrepancy in the "List of Bridges over Navigable Waters of the U.S., revised to July 1, 1941", as noted in our quadrangle No. T-8804, is reported:

BARNES SOUND, (Florida City), Florida, page 220,
Lat. 25 17.2' Long 80 22.0'; this highway bridge
has been destroyed and should be deleted.

Lewis V. Evans, III
Chief of Sub-Party

cc:

1. Director, U.S.C. & G.S.
2. Lt. Comdr. Ross A. Gilmore, Chief of Party
3. Field Inspection Report, T-8804

NAUTICAL CHARTS BRANCH

SURVEY NO. T-8804

Record of Application to Charts

[illegible]

M-2168-1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.